

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Please cancel claims 2 and 3.

Please add claims 24-37.

Please amend claims 1 and 16-18 as shown below.

1. (Currently Amended) A system method for modifying a pixel value of a digital image[[s]], the system method executing in a digital processing system, the method comprising

accepting a signal from a user input device to indicate a first operation to be performed on a pixel;

displaying a result of the first operation on the pixel;

accepting a signal from a user input device to indicate a second operation to be performed on the pixel;

displaying a result of the first and second operations on the pixel;

means for maintaining an association between an image portion and a list of operations used to create the image portion. ;

displaying a visual sequence of the first and second operations on the display screen wherein a first visual indicator corresponds to the first operation and a second visual indicator corresponds to the second operation, and wherein the order of application of operations is shown;

accepting a signal from a user input device to indicate modification of the visual sequence; and

displaying a result of a corresponding change in application of the operations to the pixel in response to the modification of the visual sequence.

2. (Canceled)

3. (Canceled)

4-15. (Withdrawn)

16. (Currently Amended) A method for performing operations on pixels in an image, the method executing in an displaying information about an image in a image processing system, the image processing system including a processor coupled to a display device and to a user input device, the method comprising

using the processor to display a graph of a sequence of the operations relating to one or more pixels of the [[an]] image;

accepting signals from the user input device to modify select a portion of the graph image; and

using the processor perform operations on the one or more pixels in accordance with the modified portion of the graph to display a list of operations that contributed to the generation of the selected portion of the image.

17. (Currently Amended) The method of claim 16, wherein the graph includes a flowgraph the image portion is a single pixel.

18. (Currently Amended) The method of claim 16, wherein the flowgraph includes nodes that correspond to operations, wherein the nodes are connected by connectors to show the order of execution of operations further comprising

accepting signals from the user input device to identify an operation in the list;
using the processor to regenerate the image using operations in the list other than the identified operation; and

displaying the regenerated image on the display device.

19-23. (Withdrawn)

24. (New) The method of claim 1, wherein modification of the visual sequence includes

deletion of a visual indication of an operation.

25. (New) The method of claim 1, wherein modification of the visual sequence includes
addition of a visual indication of an operation.

26. (New) The method of claim 1, wherein modification of the visual sequence includes
changing an order of application of operations.

27. (New) The method of claim 1, further comprising
indicating the first and second operations as first and second nodes, respectively.

28. (New) The method of claim 27, further comprising
indicating the order of application of operations as a line connecting the first and
second nodes.

29. (New) The method of claim 28, wherein an order of application of
operations is indicated with a directional indicator associated with the line.

30. (New) The method of claim 29, wherein the directional indicator includes
an arrow.

31. (New) The method of claim 29, wherein the directional indicator includes
an input port.

32. (New) The method of claim 1, further comprising
displaying a third visual indicator on the display screen that corresponds to a third
operation;

accepting a signal from a user input device to define an ordering of the first,
second and third visual indicators; and

displaying a result of the pixel after applying the first, second and third operations in the defined ordering.

33. (New) The method of claim 1, wherein an operation can include one or more of the following: brightness adjustment, clamp effect, contrast, convert, crop, dissolve, fade, gain, gamma, invert, CMY graph, luma graph, monochrome, offset and swap RGBA.

34. (New) The method of claim 1, wherein an operation includes obtaining a pixel from a storage location.

35. (New) The method of claim 1, wherein an operation includes an output operation.

36. (New) An apparatus for modifying a pixel value of a digital image, the apparatus comprising

a digital processor;

a display coupled to the digital processor;

an input device coupled to the digital processor;

a machine-readable medium including instructions for

accepting a signal from a user input device to indicate a first operation to be performed on a pixel;

displaying a result of the first operation on the pixel;

accepting a signal from a user input device to indicate a second operation to be performed on the pixel;

displaying a result of the first and second operations on the pixel;

maintaining an association between and operations;

displaying a visual sequence of the first and second operations on the display screen wherein a first visual indicator corresponds to the first operation and a second visual indicator corresponds to the second operation, and wherein the order of application of operations is shown;

accepting a signal from a user input device to indicate modification of the visual sequence; and

displaying a result of a corresponding change in application of the operations to the pixel in response to the modification of the visual sequence.

37. (New) A machine-readable medium including instructions for modifying a pixel value of a digital image; the medium comprising

- one or more instructions for accepting a signal from a user input device to indicate a first operation to be performed on a pixel;
- one or more instructions for displaying a result of the first operation on the pixel;
- one or more instructions for accepting a signal from a user input device to indicate a second operation to be performed on the pixel;
- one or more instructions for displaying a result of the first and second operations on the pixel;
- one or more instructions for maintaining an association between and operations;
- one or more instructions for displaying a visual sequence of the first and second operations on the display screen wherein a first visual indicator corresponds to the first operation and a second visual indicator corresponds to the second operation, and wherein the order of application of operations is shown;
- one or more instructions for accepting a signal from a user input device to indicate modification of the visual sequence; and
- one or more instructions for displaying a result of a corresponding change in application of the operations to the pixel in response to the modification of the visual sequence.

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